



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,195	07/09/2003	Naohiko Okamoto	04329.3092	9082
22852	7590	10/05/2005		
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413			EXAMINER ELAMIN, ABDELMONIEM I	
			ART UNIT 2116	PAPER NUMBER

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/615,195

Applicant(s)

OKAMOTO ET AL.

Examiner

A Elamin

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>6/13/05:9/20/04:7/9/03</u>  | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 8 recites the limitation "the card slot" in 4. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claim 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Cupps et al, Pub. No. US 2002/0173344.

5. Claims 1, 10, Cupps teaches electronic apparatus [*Apparatus 300 of Fig. 3*] comprising:  
a first system having a first CPU [*system processor 302 of Fig. 3*];  
a second system having a second CPU [*PC processor 320 of Fig. 3*];

a connection unit configured to connect the first system and the second system [*Fig. 3*];  
and

a power application control unit configured to control the application of power to the first system and the second system through the connection unit [*para 0040*].

6. Claim 2, Cupps teaches the power application control unit include a setting unit configured to selectively set a first power application mode in which the application of power to only the first system is started [*para 0027*] and a second power application mode in which the application of power to both the first system and the second system is started, upon receipt of a power application instruction [*Fig. 6 and 7, see also para 0063 and 0664-0065*].

7. Claim 3, Cupps teaches wherein the power application control unit include a decision unit configured to decide whether or not the power is applied from an external power supply; and a power supply starting unit configured to start the application of power to only the first system when the decision is that the power is not applied from an external power supply and start the application of power to both the first system and the second system when the decision is that the power is applied from an external power supply, upon receipt of a power application instruction [*para 0059-0060*].

8. Claim 4, Cupps teaches the power application control unit include a power supply stopping unit configured to stop the application of the power to one of the first system and the second system which is not in use, upon detecting that the application of power from an external power supply is interrupted [*para 0059*].

9. Claim 5, Cupps teaches the power application control unit include a power supply starting unit configured to start the application of power to one of the first system and the second system, responsive to an instruction from the other [*para 0040*].

10. Claim 6, Cupps teaches the power application control unit include a power supply stopping unit configured to stop the application of power to the other of the first system and the second system, after the application of power to one of the first system and the second system is started in response to an instruction from the other [*para 0040 and 0059-0060*].

11. Claim 7, Cupps teaches a peripheral device shared by the first system and the second system and a selector which selectively connects the peripheral device to the first system and the second system, wherein the power application control unit include a selector controlling unit configured to control the selector according to usage of the first system and the second system [*HDD 325 of fig. 3, see para 0038*].

12. Claim 8 (*as best understood by Examiner*), Cupps teaches the selector controlling unit of the power application control unit causes the system which has been connected to the card slot to execute processing to be performed when the expansion card is removed and, after this execution, causes the system to which the card slot is connected to execute processing to be performed when the expansion card is plugged into the card slot, when the connection of the card slot is switched from one of the first system and the second system to the other in a state where both the first system and the second system are activated [*controller 322 of fig. 3 and related disclosure*].

Art Unit: 2116

13. Claim 9, Cupps teaches a display device shared by the first system and the second system; and a combining unit configured to combine image data output from the first system and the second system to the display device [*Display 307 of Figs. 3, 4A and 4B*].

14. Claims 11-13, Cupps teaches the system switching unit include a setting unit configured to set the system to be activated, upon receipt of a system activate instruction [*para 0025*].

15. Claim 14, Cupps teaches the system switching unit activates the system which had been used immediately before the last system shutdown, upon receipt of an system activate instruction [*para 0025*].

16. Claim 15, Cupps teaches a first button and a second button to instruct system activation, wherein the system switching unit activate the first system when the first button is pressed and activate the second system when the second button is pressed [*para 0024 and 0050*].

17. Claim 16, Cupps teaches the system switching unit switches from the first system to the second system, upon receipt of an instruction to execute a program which can be run on the second system while the first system is in use [*para 0010*].

18. Claims 17-18, Cupps teaches and a file management unit configured to manage a file retained by the first system and a file retained by the second system through the connection unit; wherein the file management unit has synchronizing unit configured to synchronize the file retained by the first system and the file retained by the second system at a predetermined time [*para 0061*].

19. Claim 19, Cupps teaches a peripheral device shared by the first system and the second system; and a selector which selectively connects the peripheral device to the first system and the

Art Unit: 2116

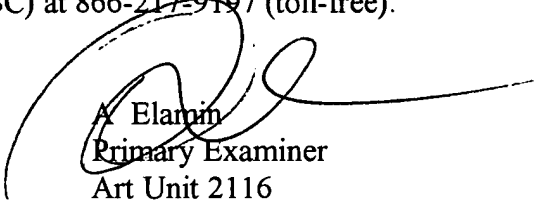
second system, wherein the file management unit controls the selector according to use of the first system and the second system [*HDD 325 of fig. 3, see para 0038*].

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



A. Elamin  
Primary Examiner  
Art Unit 2116

September 29, 2005